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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/848,664	
	Filing Date	May 3, 2001	
	First Named Inventor	Shelly E. Sakiyama-Elbert	
	Group Art Unit	1646	
	Examiner Name		
Total Number of Pages in This Submission	13	Attorney Docket Number	ETH 108 CON

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Two (2) Statements Under 37 CFR 3.73(b); Return Postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	There are two (2) Powers of Attorney enclosed
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Certificate of Mailing is to: U.S. Patent and Trademark Office P.O. Box 2327 Arlington, VA 22202	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Patrea L. Pabst, Reg. No. 31,284 Suite 2000, One Atlantic Center; 1201 West Peachtree Street, N.E.; Atlanta, GA 30309-3400
Signature	
Date	October 22, 2002

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: <u>October 23, 2002</u>	
Typed or printed name	Pam Turnbough
Signature	
Date	October 23, 2002

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ETH 108 CON - 077046/00008



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Shelly E. Sakiyama-Elbert and Jeffrey A. Hubbell

Serial No.: 09/848,664

Art Unit: 1646

Filed: May 3, 2001

Examiner:

For: CONTROLLED RELEASE OF NON HEPARIN-BINDING GROWTH
FACTORS FROM HEPARIN-CONTAINING MATRICES

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#9
JGJ
11/7/02

Commissioner of Patents and Trademarks
Washington, D.C.

**POWER OF ATTORNEY BY ASSIGNEE OF AN UNDIVIDED JOINT INTEREST
AND REVOCATION OF PRIOR POWERS**

Sir:

As owner of an undivided joint interest in the above-identified patent application, as evidenced by the attached Statement Under 37 C.F.R. § 3.73(b), all powers of attorney previously given are hereby revoked and the following attorneys and agents are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith:

Patrea L. Pabst
Zhaoyang Li
Rivka D. Monheit
Yang Xu
Jerome R. Smith

Registration No. 31,284
Registration No. 46,872
Registration No. 48,731
Registration No. 45,243
Registration No. 35,684

Please send all correspondence relating to the above-identified patent application to:

Patrea L. Pabst
HOLLAND & KNIGHT LLP
Suite 2000, One Atlantic Center
1201 West Peachtree Street, N.E.
Atlanta, Georgia 30309-3400

(404) 817-8473 (Telephone)
(404) 817-8588 (Fax)

The undersigned signatory (whose title is supplied below) is empowered to act on behalf of the assignee identified below, and has reviewed all the documents in the chain of title of the above-identified patent application and, to the best of the undersigned's knowledge and belief, title is in the assignee and Universität Zürich.

**EIDGENÖSSISCHE TECHNISCHE
HOCHSCHULE ZÜRICH**

By: Claudia Fesch

Printed Name: CLAUDIA FESCH

Title: Technology Transfer Manager

Date: 22.02.2002



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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Shelly E. Sakiyama-Elbert and Jeffrey A. Hubbell
Application No./Patent No.: 09/848,664 Filed/Issue Date: May 3, 2001
Entitled: CONTROLLED RELEASE OF NON HEPARIN-BINDING GROWTH FACTORS FROM HEPARIN-CONTAINING MATRICES
Eidgenossische Technische Hochschule Zurich, a University
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest; or
2. ☒ an assignee of ~~less than the entire right, title and interest~~ an undivided joint interest
~~The extent (by percentage) of its ownership interest is xxxxxxxx%~~

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

22.02.2002

Date

CLAUDIA FESCH

Typed or printed name

Claudia Fesch

Signature

Technology Transfer Manager

Title


ASSIGNMENT

We, Shelly E. Sakiyama-Elbert of Hochstrasse 9, CH-8044 Zürich, SWITZERLAND, and Jeffrey A. Hubbell of Unterdorfstrasse 22, CH-8126 Zumikon, SWITZERLAND, in consideration of ten Eurodollars and other valuable consideration paid to us by Eidgenössische Technische Hochschule Zürich, a university of SWITZERLAND, having its principal place of business at Rämistrasse 101, CH-8092 Zürich, SWITZERLAND, and Universität Zürich, a university of SWITZERLAND, having its principal place of business at Rämistrasse 71, CH-8006 Zürich, SWITZERLAND, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Eidgenössische Technische Hochschule Zürich and Universität Zürich, jointly (hereinafter "ETH Zürich and Universität Zürich"), their successors and assigns, the entire interest for the United States of America, and its territories and all foreign countries and jurisdictions, including all rights of priority under the International Convention for the Protection of Industrial Property, in a certain invention or improvement in "*Controlled Release of Non Heparin-Binding Growth Factors from Heparin-Containing Matrices*" described in U.S. Serial No. 09/848,664 filed in the United States Patent and Trademark Office on May 3, 2001, by Shelly E. Sakiyama-Elbert and Jeffrey A. Hubbell, which is a continuation of U.S. Application Serial No. 09/298,084 filed in the United States Patent and Trademark Office on April 22, 1999, and in all Letters Patent of the United States and its territories and all foreign countries and jurisdictions which may or shall be granted on said invention, or any parts thereof, or on said application, or any provisional, divisional, continuation, continuation-in-part, reissue, or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said ETH Zürich and Universität Zürich and their successors and assigns, but at the joint expense or charges of ETH Zürich and Universität Zürich, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its territories and in all other foreign countries and jurisdictions to said ETH Zürich and Universität Zürich, with specifications and claims in such form as shall be approved by the counsel of said ETH Zürich and Universität Zürich, and to vest and confirm in said ETH Zürich and Universität Zürich, their successors and assigns, the legal title to all such patents.

Title: "Controlled Release of Non Heparin-Binding
Growth Factors from Heparin-Containing Matrices"
By: Shelly E. Sakiyama-Elbert and Jeffrey A. Hubbell
U.S.S.N.: 09/848,664
Filed: May 3, 2001
ASSIGNMENT

And we do hereby authorize and request the Commissioner of Patents and
Trademarks of the United States to issue such Letters Patent as shall be granted upon said
application or applications based thereon to said ETH Zürich and Universität Zürich, their
successors and assigns.

WITNESS my hand and seal this 25 day of June, 2002.

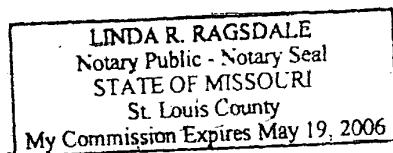

Shelly E. Sakiyama-Elbert

State of Missouri)
County of St. Louis)

Then personally appeared the above named Shelly E. Sakiyama-Elbert, and
acknowledged the foregoing instrument to be her free act and deed, before me this
25th day of June, 2002.

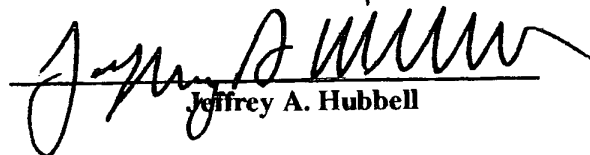

Notary Public

My Commission expires: 5-19-06

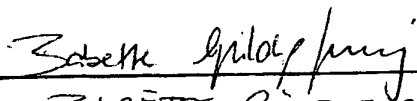


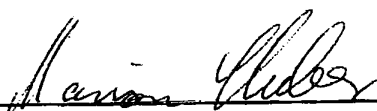
Title: "Controlled Release of Non Heparin-Binding
Growth Factors from Heparin-Containing Matrices"
By: Shelly E. Sakiyama-Elbert and Jeffrey A. Hubbell
U.S.S.N.: 09/848,664
Filed: May 3, 2001
ASSIGNMENT

WITNESS my hand and seal this 15th day of February, 2002.


Jeffrey A. Hubbell

Witnesses:

1. Signed: 
Printed Name: SABETTE GULDENPFENNIG
Address: GUGGERSTR. 7
8702 SWITZERLAND

2. Signed: 
Printed Name: MARION HUBER
Address: THOERIGEN STRASSE 36
3066 HERZOGENBUCHSEE
3360 M. Huber

ATL1 #508263 v1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE **RECEIVED**

OCT 31 2002

Applicants: Shelly E. Sakiyama-Elbert and Jeffrey A. Hubbell

Serial No.: 09/848,664

Art Unit: 1646

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Filed: May 3, 2001

Examiner:

For: CONTROLLED RELEASE OF NON HEPARIN-BINDING GROWTH
FACTORS FROM HEPARIN-CONTAINING MATRICES

Commissioner of Patents and Trademarks
Washington, D.C.

**POWER OF ATTORNEY BY ASSIGNEE OF AN UNDIVIDED JOINT INTEREST
AND REVOCATION OF PRIOR POWERS**

Sir:

As owner of an undivided joint interest in the above-identified patent application, as evidenced by the attached Statement Under 37 C.F.R. § 3.73(b), all powers of attorney previously given are hereby revoked and the following attorneys and agents are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith:

Patrea L. Pabst
Zhaoyang Li
Rivka D. Monheit
Yang Xu
Jerome R. Smith

Registration No. 31,284
Registration No. 46,872
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Registration No. 45,243
Registration No. 35,684

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Suite 2000, One Atlantic Center
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Atlanta, Georgia 30309-3400**

**(404) 817-8473 (Telephone)
(404) 817-8588 (Fax)**

The undersigned signatory (whose title is supplied below) is empowered to act on behalf of the assignee identified below, and has reviewed all the documents in the chain of title of the above-identified patent application and, to the best of the undersigned's knowledge and belief, title is in the assignee and Eidgenössische Technische Hochschule Zürich.

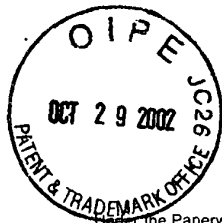
UNIVERSITÄT ZÜRICH

By:  _____

Printed Name: Prof. A. Borbély

Title: Vice President Research

Date: 27/2/02



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Applicant/Patent Owner: Shelly E. Sakiyama-Elbert and Jeffrey A. Hubbell
Application No./Patent No.: 09/848,664 Filed/Issue Date: May 3, 2001
Entitled: CONTROLLED RELEASE OF NON HEPARIN-BINDING GROWTH FACTORS FROM HEPARIN-CONTAINING MATRICES
Universitat Zurich, a University
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest; or
2. ☒ an assignee of ~~less than the entire right, title, and interest~~ an undivided joint interest
~~The extent (by percentage) of its ownership interest is xxxxxxxx%~~

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27/2/02
Date

Prof. A. Borbely
Typed or printed name
[Signature]
Signature
Vice President Research
Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

ETH 108 CON 077046/00008


ASSIGNMENT

We, Shelly E. Sakiyama-Elbert of Hochstrasse 9, CH-8044 Zürich, SWITZERLAND, and Jeffrey A. Hubbell of Unterdorfstrasse 22, CH-8126 Zumikon, SWITZERLAND, in consideration of ten Eurodollars and other valuable consideration paid to us by Eidgenössische Technische Hochschule Zürich, a university of SWITZERLAND, having its principal place of business at Rämistrasse 101, CH-8092 Zürich, SWITZERLAND, and Universität Zürich, a university of SWITZERLAND, having its principal place of business at Rämistrasse 71, CH-8006 Zürich, SWITZERLAND, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Eidgenössische Technische Hochschule Zürich and Universität Zürich, jointly (hereinafter "ETH Zürich and Universität Zürich"), their successors and assigns, the entire interest for the United States of America, and its territories and all foreign countries and jurisdictions, including all rights of priority under the International Convention for the Protection of Industrial Property, in a certain invention or improvement in "*Controlled Release of Non Heparin-Binding Growth Factors from Heparin-Containing Matrices*" described in U.S. Serial No. 09/848,664 filed in the United States Patent and Trademark Office on May 3, 2001, by Shelly E. Sakiyama-Elbert and Jeffrey A. Hubbell, which is a continuation of U.S. Application Serial No. 09/298,084 filed in the United States Patent and Trademark Office on April 22, 1999, and in all Letters Patent of the United States and its territories and all foreign countries and jurisdictions which may or shall be granted on said invention, or any parts thereof, or on said application, or any provisional, divisional, continuation, continuation-in-part, reissue, or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said ETH Zürich and Universität Zürich and their successors and assigns, but at the joint expense or charges of ETH Zürich and Universität Zürich, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its territories and in all other foreign countries and jurisdictions to said ETH Zürich and Universität Zürich, with specifications and claims in such form as shall be approved by the counsel of said ETH Zürich and Universität Zürich, and to vest and confirm in said ETH Zürich and Universität Zürich, their successors and assigns, the legal title to all such patents.

Title: "Controlled Release of Non Heparin-Binding
Growth Factors from Heparin-Containing Matrices"
By: Shelly E. Sakiyama-Elbert and Jeffrey A. Hubbell
U.S.S.N.: 09/848,664
Filed: May 3, 2001
ASSIGNMENT

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WITNESS my hand and seal this 25 day of June, 2002.

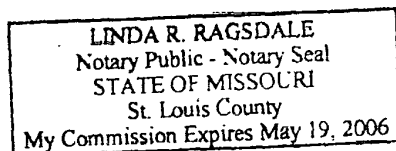

Shelly E. Sakiyama-Elbert

State of Missouri)
County of St. Louis)

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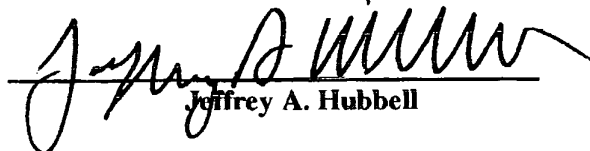

Notary Public

My Commission expires: 5-19-06



Title: "Controlled Release of Non Heparin-Binding
Growth Factors from Heparin-Containing Matrices"
By: Shelly E. Sakiyama-Elbert and Jeffrey A. Hubbell
U.S.S.N.: 09/848,664
Filed: May 3, 2001
ASSIGNMENT

WITNESS my hand and seal this 15th day of February, 2002.


Jeffrey A. Hubbell

Witnesses:

1. Signed: Sabette Guldenspennig
Printed Name: SABETTE GULDENPFENNIG
Address: GUGGERSTR. 7
8702 SWITZERLAND

2. Signed: Marion Huber
Printed Name: MARION HUBER
Address: THOERIGEN STRASSE 36
3066 HERZOGENBUCHSEE
3360 M. Huber

ATL1 #508263 v1